

**RESULT OF VOTING ON CDV**

Project number: IEC 61174 ed. 2	Reference number of the CDV 80/278/CDV
IEC/TC or SC TC 80	Date of circulation 2001-04-20
Title of the TC or SC concerned Maritime navigation and radiocommunication equipment and systems	

Title of the committee draft:

Maritime navigation and radiocommunication equipment and systems - Electronic chart display and information system (ECDIS) - Operational and performance requirements, methods of testing and required test results.

The above-mentioned document was circulated to National Committees with a request that voting take place for approval for circulation as an FDIS (or publication as a Technical Specification or Report)

Voting results

Due to the great number of comments received and the consequential effect of accepting or rejecting them on other comments received at the same time, it has been necessary to revise the previous RVC for 12 comments; the changes are shown in the printout attached.

Comments received – see annex¹**In the case that the approval criteria for acceptance have been met,**

a ☒ The committee draft for vote (CDV) will be registered as an FDIS by (date) 2001-03-31

DECISION OF THE CHAIRMAN (in cooperation with the secretariat), in the case that the approval criteria for acceptance have not been met or in the case of a draft Technical Specification or Report

b ☐ The committee draft for vote (CDV) will be published as a Technical Specification or Report by (date)

c ☐ A revised committee draft will be circulated as a committee draft for vote (CDV) by (date)

d ☐ A revised committee draft will be circulated for comment by (date)

e ☐ The committee draft and comments will be discussed at the next meeting (date)

NOTE — In the case of a proposal *b*, *c* or *d* made by the chairman, P-members objecting to such a proposal shall inform the Central Office with copy to the secretary in writing within 2 months of the circulation of this compilation (see ISO/IEC Directives, Part 1, 2.6.5).

Name or signature of the Secretary	Name or signature of the Chairman
M. A. Rambaut U. K.	Dr A Norris

NOTE: This document complements the previous one circulated under reference 80/292/RVC.

¹ to be collated on Form 8C and annexed.

Annex

Date 2001-04-03	Document 80/278/RVC
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National Committee	Clause/ Subclause	Paragraph Figure/ Table	Type of comment (General/ Technical/Editorial)	COMMENTS	Proposed change	OBSERVATIONS OF THE SECRETARIAT on each comment submitted
US 4	4.10.6.1	.2	Technical	It should not be required that the system redundantly record information that does not change within the one-minute interval specified.	Add IEC clarification: " ENC source, edition, date, cell and update history need only be recorded initially and when the data changes."	Subsequently not agreed - Requirement is beyond the IMO simple words.
DE 5	6.6		Editorial	a) move of "transformation between a local datum and WGS-84" to new paragraph c) with the following wording: b) calculate and display both a rhumb line and great circle line according to test scenario 1 of annex 1 and ...	New paragraph c: c) Check that the system is able to perform transformations between local datum and WGS-84 and from WGS-84 to local datum Replace "J" by "I"	Agreed - it is necessary for the transformation to be in both directions The annex numbering will be taken care of.
DE 6	6.7.1		Editorial	Additional information what type of information should be checked to ensure sufficient size of characters.	g) Using a sample of text for presentation in the chart for manual updates, mariners notes and pick reports , check that the height of upper-case characters is not less than 3,5 mm.	Agreed: added - "contained in the chart, for example manual updates, mariners notes, ENC text or pick reports,..."
DE 9	6.8.5	b)	Editorial	In reflection to S-52 Appendix 2 / 2.3.1 (B) other symbols in addition to the Presentation Library shall use colour orange (colour token NINFO). The first sentence of b) should be supplemented. Change "symbols" to "objects", this change should clarify that this test does not handle symbols for manual updates.	If available select three different objects using colour orange (colour token NINFO) , check that these may be positioned at user-defined locations on the display.	Agreed: added "Select three different mariner entered objects using colour orange (colour token NINFO)...." and changed symbols to objects in the second last sentence
DE 10	6.8.8	b)	Editorial	The value of the selected depth contour should be between two existing depth lines. The paragraph should be supplemented.	Select a depth contour value not contained in the SENC but between two existing depth lines, which are available in SENC.	Agreed: added "but which falls between two existing depth contours. Verify...."
GB	6.8.10 d		Technical		Select an example of a note encoded using TXTDSC (Text description). Check that the note can be easily read.	Agreed however extra text added for clarification: "Check that the note is displayed within the light level of the current display (table1) and that it can be easily read, for example by displaying the note as it might appear on a paper chart."

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GB	6.8.10 f		Technical		Select an example of Tidal Stream Panel Information (TSPAD) and Prediction by Harmonic Methods (TS_PRH). Check that in both cases the data can be easily read and is logically presented.	Agreed with extra text for clarification: "Check that in both cases the data is displayed within the light level of the current display (table 1) and that the data can be easily read and is logically presented, for example by displaying the data as it might appear on a paper chart."
GB	6.8.10 g		Technical		Select an example of an update that comes into effect at a future date. Check that: a. the user is given advance warning of the future change, b. that during voyage planning, the update is displayed if it comes into effect during the dates specified for the voyage.	Agreed with altered words: "Select an example of an update that comes into effect at a future date using the attributes DATSTA / DATEND.(date start / date end) Check that: - the user is able to obtain information about the date of implementation and contents of the update - the update is displayed during the time of the validity - the update is processed during route planning if it comes into effect during the dates specified for the voyage - the update is processed for route monitoring during the time of validity"
US 46	H.4.1	3rd Para.	Technical	The term "ECDIS operating in the RCDS mode" provides consistency.	Replace: "ECDIS" with "ECDIS operating in the RCDS mode"	Agreed
			Technical	Broaden the allowance for RNC indexes.	Replace: "graphical index" with "graphical or text index"	not agreed: graphical index only required
US 143	H.17.6.2	a)	Technical	Add test requirement to cross into an area covered by ENC data.	Append: ".11 the planned route shall enter an area where ENC data are available."	Agreed
US147	H.17.6.3	a)	Technical	Add test requirement to cross into an area covered by ENC data.	Append: ".8 at least one leg shall enter an area where ENC data are available and where the "ENC available" indication would be triggered."	Agreed with "ENC data available" and minor editorial correction.

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US 148	H.17.6.3	f)	Technical	Add test requirement to cross into an area covered by ENC data.	Append: ".8 simulate own ship's movement from an area covered by an RNC into an area where ENC data are available. Ensure that the EUT indicates that ENC data are available."	Agreed